

ABSTRACT OF THE DISCLOSURE

This system is intended for use during a regatta to indicate the distance between a sailboat and a race course marker buoy being rounded as part of the race. The system involves a transmitter on the buoy and a receiver on the boat. The buoy transmitter sends both a radio signal and an acoustic signal. The boat receiver detects both the radio signal and acoustic signal. The boat receiver measures the time delay between the radio and acoustic signals. This time duration is converted to a distance and the boat receiver displays the distance information.